

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-9 (Canceled).

Claim 10 (Currently Amended): ~~[[The]]~~ A method of forming an article comprising, contacting fibrous and/or granular substrates with a thermally polymerizable mixture, and
polymerizing the thermally polymerizable mixture to form the article,
wherein the method of using a thermally polymerizable mixture comprises consisting
of a multifunctional macromonomer and a polymerization initiator, and
wherein the multifunctional monomer comprises at least one free-radically
polymerizable double bond comprising one or more free-radically polymerizable double
bonds and a polymerization initiator as a binder for a fibrous or granular substrate.

Claim 11 (Currently Amended): The method of ~~using according to~~ claim 10, wherein ~~said thermally polymerizable mixture is used as a binder for~~ the substrates are selected from the group consisting of glass fibers, natural fibers, manufactured fibers, rock wool, core sand, and combinations thereof ~~glass fiber, rock wool, natural fiber, manufactured fiber and for core sand binding.~~

Claim 12 (Currently Amended): The method of ~~using according to~~ claim 10, wherein ~~said macro monomers comprise~~ the at least one free-radically polymerizable double bond is selected from the group consisting of an acrylate double bond, a methacrylate double bond, a maleate double bond, a vinyl ether double bond, a vinyl double bond, an allyl double bond, and combinations thereof ~~and/or allyl groups as free-radically polymerizable groups.~~

Claim 13 (Currently Amended): The method of ~~using according to~~ claim 10,
~~wherefor~~ wherein the molar mass M_w of said multifunctional macromonomer is in the range
from 300 to 30,000.

Claim 14 (Currently Amended): The method of ~~using according to~~ claim 13,
~~wherefor~~ wherein the molar mass M_w of said multifunctional macromonomer is in the range
from 500 to 20,000.

Claim 15 (Currently Amended): The method of ~~using according to~~ claim 10,
~~wherefor~~ wherein said multifunctional macromonomer is ~~obtainable~~ obtained by a process
comprising [[by]] co-reacting [[.]]

- a) 0.5-2.0 equivalents of a 2- to 6-hydric alkoxyated alcohol with
- b) 0 to 1 equivalent of a 2- to 4-basic C_3 to C_{16} carboxylic acid and/or anhydride
and
- c) 0.1 to 1.5 equivalents of acrylic acid and/or methacrylic acid
- d) 0 to 1 equivalent of diol

to form a reaction product, and

~~and then~~ reacting the ~~thus-obtainable~~ reaction product with at least one epoxy
compound.

Claim 16 (Currently Amended): The method of ~~using according to~~ claim 15, wherein
~~wherefor~~ said the process for forming the multifunctional macromonomer further comprises
is-obtainable-by-subsequently after reacting the reaction product with at least one epoxy
compound, reacting the multifunctional-macromonomer the product of the reaction of an

~~epoxy compound with said reaction product~~ with a polyisocyanate, optionally in the presence of a chain extender, in the presence or absence of a chain extender to form a macromonomer comprising acrylate and polyurethane groups.

Claim 17 (Currently Amended): The method of ~~using according to~~ claim 10, wherein said polymerization initiator is at least one selected from the group consisting of peroxides, hydroperoxides, peroxydisulfates, percarbonates, peroxyesters, hydrogen peroxide and azo compounds.

Claim 18 (Currently Amended): The method of ~~using according to~~ claim 10, comprising 0.05% to 15% by weight solids of ~~[[a]]~~ the polymerization initiator.

Claim 19 (New): The method of claim 16, wherein the reacting the multifunctional-macromonomer with the polyisocyanate is conducted in the presence of the chain extender.